

Abstract of the Disclosure

An object of the present invention is to provide a process for the production of an optically active amino alcohol, particularly an optically active amino alcohol of a trans-form, being excellent in economy and efficiency, and suitable for industry using easily available and less expensive materials.

The present invention relates to a process for the production of an optically active amino alcohol comprising the steps that an optically active hydroxy ester in a trans-form obtained by an asymmetric hydrogenation of an easily available β -keto ester is reacted with hydrazine, the resulting optically active hydrazinocarbonyl alcohol is subjected to a Curtius rearrangement in the presence of alcohol and protective group of amino group of the resulting optically active alkoxy carbonyl amino alcohol is deprotected. As a result of the process for the production in accordance with the present invention, the objected substance is able to be prepared in a high optical purity and in a high yield.